

HOW TO ORDER APFO PRODUCTS

You can send to APFO by e-mail, fax, or mail (see back of brochure for contact information) one of the following:

- A legal description of the area you are interested in (township, range, and section numbers).
- Latitude and longitude coordinates (point and radius, four corner points, or two opposite corner points).
- A topographic, county, or city map outlining your area of interest as accurately as possible.
- Shape files with UTM NAD83 projection and corresponding zone or kml/kmz files.

Services are rendered only after an order and payment, or official purchase order has been received.

Methods of payment are:

- Check, money order, and all major credit cards (Visa, MasterCard, American Express, and Discover)
- Official purchase orders from tax-supported agencies, colleges, and universities only (State, County, City, Tribal).

You may order over the phone with a credit card if you have a valid e-mail address. All products are made to order and completion time may vary depending on exist-



USES FOR AERIAL IMAGERY

Aerial images are valuable for many things besides crop measurement. The historical records available at APFO benefit many customers. APFO's digital products, in combination with GIS, can expand the uses for aerial imagery:

- Education
- Conservation Practices
- Emergency Response
- Tax Assessment
- Pollution Studies
- Drainage Programs
- Boundary Determinations
- Road and Highway Location
- Pipeline and Power Line Construction
- Watershed and Reservoir Planning
- Historical Record of Property Changes
- Urban Development and Planning
- Recreation
- Land Change Analysis

**United States
Department of Agriculture
Farm Service Agency
Aerial Photography Field Office**

2222 West 2300 South

Salt Lake City UT 84119-2020

Telephone: 801-844-2922

Fax: 855-415-2014

E-mail: apfo.sales@slc.usda.gov

Website: <http://www.apfo.usda.gov>

GIS Dataset Viewer: <http://gis.apfo.usda.gov/gisviewer>

Issued July 2015

Supersedes FSA "APFO Imagery Products & Services" June 2013

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If you wish to file a Civil Rights program complaint of discrimination, complete the USDA Program Discrimination Complaint Form, found online at http://www.ascr.usda.gov/complaint_filing_cust.html, or at any USDA office, or call (866) 632-9992 to request a form. You may also write a letter containing all of the information requested in the form. Send your completed complaint form or letter to us by mail at U.S. Department of Agriculture, Director, office of Adjudication, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, by fax (202)690-7442 or email at program.intake@usda.gov.
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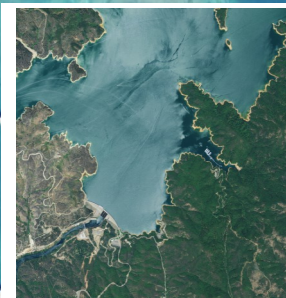


United States Department of Agriculture

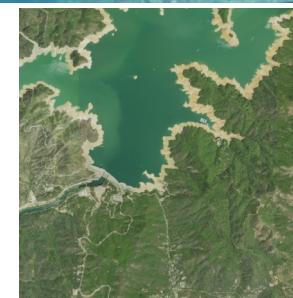
**Farm Service Agency
Aerial Photography Field Office**

Leaflet 571

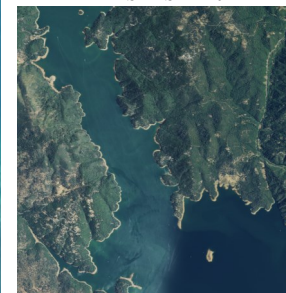
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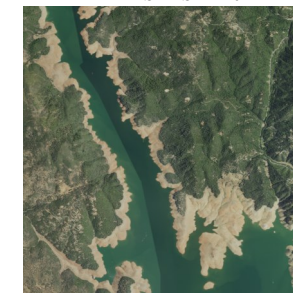
LAKE SHASTA 2012



LAKE SHASTA 2014



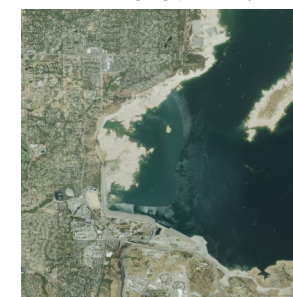
LAKE OROVILLE 2012



LAKE OROVILLE 2014



LAKE FOLSOM 2012



LAKE FOLSOM 2014

CALIFORNIA DROUGHT

INTRODUCTION

The Agricultural Adjustment Act of 1933 established farm programs designed to balance production and diversity of crops. Farmers (producers) participating in the Federal farm programs needed to have accurate measurements made of their fields. However, precise measurements were still being made by an older method of surveying, with chains carried around the fields. Maps were drawn by hand. A quick, accurate, and inexpensive method had to be developed to measure the millions of farmland acres across the country.

The mission of the Aerial Photography Field Office (APFO) was to provide rectified aerial photographs for accurately measuring field acreage. Field measurements were made from aerial enlargements using a planimeter. Aerial photographs, when properly delineated and annotated with field boundaries and acreage, served as the basic record of producer land use information for each county office to administer programs.

Over the years, APFO joined with other federal agencies in cooperative photography programs. The latest program is the National Agriculture Imagery Program (NAIP). APFO now provides NAIP digital imagery to the USDA Service Center Agencies that utilize Geographic Information Systems (GIS) as the method for administering federal farm programs. GIS streamlines daily operation and facilitates updates of vital information. This includes the updating of digitized farm field boundaries known as Common Land Units (CLU).

PHOTO PRODUCTS

Photographs - APFO's photo products have long been available to the general public. Photographs also include custom line work such as roads or boundaries and are available in different types and scales ranging from 1" = 5,000' to 1" = 200'. Paper sizes range from 10"x10" to 30"x40". Please refer to the price list form FSA-441A at the APFO website: <http://www.apfo.usda.gov>

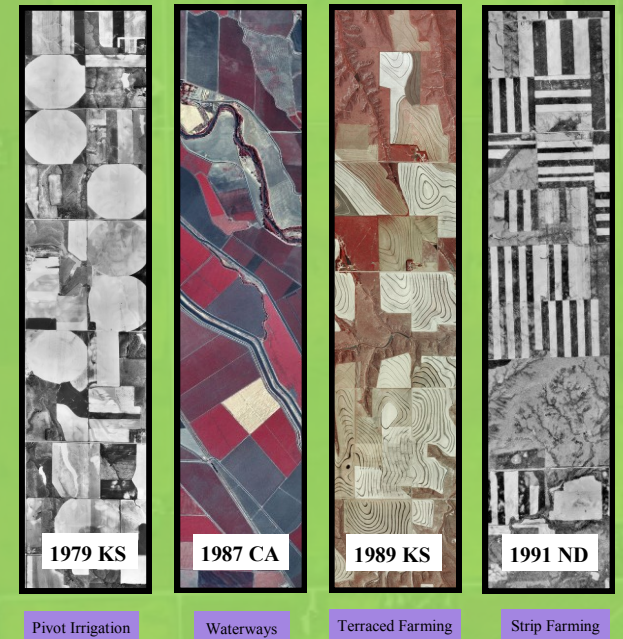
Indexes - Available as photo, line or spot indexes— most indexes are available in both hard copy and digital format.

HISTORIC FILM LIBRARY

APFO is home to one of the country's largest aerial film libraries. We currently house more than 70,000 rolls of film (10 million plus images). Our film dates from 1955 to the present. We have coverage of most of the United States and its territories. We are also one of the last federal government wet labs in the country. Historic aerial images are playing a more vital role today which include environmental assessments, change detection, and property boundary disputes.

As the years go by, the historical imagery becomes more and more valuable. These images are available as photographs or in a digital format.

Imagery before 1955 may be obtained from:
The National Archives
Cartographic & Architectural Branch
8601 Adelphi Road
College Park, MD 20740-6001
Email: carto@nara.gov



FILM SCANNING

APFO offers 10"x10" scans of any image in our film library using state of the art photogrammetric scanners from Black and White, Color Infrared, and Natural Color film. Film scans are furnished in standard tagged image file (.tif) format. Standard scan resolution is 12.5 microns or 2136 dpi.

DIGITAL PRODUCTS

Compressed County Mosaics (CCM) - Countywide imagery coverage in various compressed ratios depending on the year. CCMs are used by the USDA Service Center Agencies for crop compliance farm programs and widely used by the public for base layer imagery. NAIP imagery is available in 1m resolution except for some states flown before 2008 which may only be available in 2m.

Quarter Quads (QQ) - Individual images (tile) covering one quarter of a standard 7.5' topographical quad map which are used to create the CCMs. These images are used for those who prefer working with an uncompressed format. Majority of NAIP imagery is available in 1m pixel resolution with some states and years prior to 2008 having 2m pixel resolution. As of 2013, 0.5m pixel resolution is available in limited states.



2003

2004

2008

2010

2012

2014

Crop Maze in Lincoln County, South Dakota